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Title of Invention: Reversible Ratcheting Tool with a Smaller Head and Improved Driving Torque

First Named Inventor: BOBBY HU

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TRANSMITTAL

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Title of Invention	Reversible Ratcheting Tool with a Smaller Head and Improved Driving Torque	
Application Number:	10/621552	
Date:	2003-07-17	
First Named Applicant:	BOBBY HU	
Confirmation Number:	1339	
Attorney Docket Number:	218600400	
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Submitted by:	Elec. Sign.	Sign. Capacity
DEREK V. FORINASH Registered Number: 47,231	/Derek V. Forinash 47231/	Attorney
Documents being submitted us-ids	Files IDS-usidst.xml us-ids.dtd us-ids.xsl	
Comments		



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	Reversible Ratcheting Tool with a Smaller Head and Improved Driving Torque
Application Number:	10/621552
Confirmation Number:	1339
First Named Applicant:	BOBBY HU
Attorney Docket Number:	218600400
Art Unit:	1724
Search string:	(00015482 or 0726012 or 0810599 or 0841686 or 0878657 or 0893097 or 0915446 or 1033358 or 1090578 or 1194471 or 1261092 or 1382492 or 1426127 or 1614039 or 1639078 or 1680515 or 1957462 or 2193984 or 2201705 or 2201827 or 2317461 or 2542241 or 2657604 or 2701977 or 2764048 or 2769360 or 2800821 or 2891434 or 2957377 or 2978081 or 3019682 or 3044591 or 3233481 or 3250157 or 3265171 or 3337014 or 3342229 or 3393587 or 3393780 or 3436992 or 3577816 or 3606940 or 3713356 or 3742788 or 3783703 or 3838614 or 3866492 or 3908487 or 3970155 or 4053037 or 4070932 or 4111077 or 4128025 or 4147076 or 4257507 or 4274311 or 4277989 or 4277990 or 4308769 or 4328720 or 4336728 or 4406186 or 4420995 or 4485700 or 4488460 or 4512218 or 4520697 or 4631988 or 4662251 or 4709600 or 4722252 or 4722253 or 4762033 or 4770072 or 4777852 or 4796492 or 4807500 or 4862775 or 4869138 or 4903554 or 4924737 or 4934220 or 4986147 or 4991468 or 5012705 or 5076121 or 5144869 or 5157994 or 5178047 or 5199330 or 5199335 or 5230262 or 5231903 or 5233891 or 5271300 or 5295422 or 5347892 or 5392672 or 5404773 or 5425291 or 5448931 or 5467672 or 5477757 or 5495783 or 5499560 or 5501124 or 5509333 or 5522288 or 5533427 or 5535646 or 5557994 or 5582081 or 5595095 or 5626061 or 5626062 or 5636557 or 5669875 or 5709137 or 5782147 or 5794496 or 5829326 or 5842391 or 5857390 or 5873286 or 5878635 or 5884537 or 5884538 or 5887493 or 5901620 or 5910197 or 5911798 or 5913954

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 or 5964129 or 5970552 or 5979274 or 5996453
 or 6000302 or 6006631 or 6044731 or 6065374
 or 6125722 or 6134990 or 6134991 or D434292
 or 6155140 or 6161454 or 6164167 or 6205889
 or 6209423 or 6216563 or 6216567 or 6220123
 or 6230591 or 6240813 or 6257096 or 6260448
 or 6263767 or 6282991 or 6282992 or 6282993
 or 6301998 or 6334373 or 6431031 or 6435062
 or 6435063 or 6450066 or 6450068 or 6453779
 or 6457387 or 6457389 or 6488136 or 4308768
 or D433896 or 6148695 or 6153826 or
 20010035074 or 20020017169 or 20020023519
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 20020062718 or 20020088312 or 20020112573
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 20020162423 or 20020162424).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	00015482	1856-08-05	Gilman			
	2	0726012	1903-04-21	Andrew			
	3	0810599	1906-01-23	Ansorge			
	4	0841686	1907-01-22	Hatfield			
	5	0878657	1908-02-11	Munch			
	6	0893097	1908-07-14	Reams			
	7	0915446	1909-03-16	Kearnes			
	8	1033358	1912-07-23	Turner			
	9	1090578	1914-03-17	Smythe			
	10	1194471	1916-08-15	Boosinger			
	11	1261092	1918-04-02	Allen			
	12	1382492	1921-06-21	Evans			
	13	1426127	1922-08-15	Tuttle			
	14	1614039	1927-01-11	Mandl			
	15	1639078	1927-08-16	Coe			
	16	1680515	1928-08-14	Gormley			
	17	1957462	1934-05-08	Kress			
	18	2193984	1940-03-19	Rhinevault			

	19	2201705	1940-05-21	Stone
	20	2201827	1940-05-21	Froeschl et al.
	21	2317461	1943-04-27	Jackson
	22	2542241	1951-02-20	Fors
	23	2657604	1953-11-03	Rueb
	24	2701977	1955-02-15	Stone
	25	2764048	1956-09-25	Thompson
	26	2769360	1956-11-06	Cottrell et al.
	27	2800821	1957-07-30	Fruscella
	28	2891434	1959-06-23	Lozensky
	29	2957377	1960-10-25	Hare
	30	2978081	1961-04-04	Lundin
	31	3019682	1962-02-06	Hare
	32	3044591	1962-07-17	Kilness
	33	3233481	1966-02-08	Bacon
	34	3250157	1966-05-10	Badger
	35	3265171	1966-08-09	Kilness
	36	3337014	1967-08-22	Sandrick
	37	3342229	1967-09-19	Janes
	38	3393587	1968-07-23	Jolliff et al.
	39	3393780	1968-07-23	Kilness
	40	3436992	1969-04-08	Over et al.
	41	3577816	1971-05-04	Alexander et al.
	42	3606940	1971-09-21	Finkeldei
	43	3713356	1973-01-30	Knudsen
	44	3742788	1973-07-03	Priest
	45	3783703	1974-01-08	Trimble et al.
	46	3838614	1974-10-01	O'Donnell
	47	3866492	1975-02-18	Knoll
	48	3908487	1975-09-30	Plaw
	49	3970155	1976-07-20	Otto
	50	4053037	1977-10-11	Solomon
	51	4070932	1978-01-31	Jeannotte
	52	4111077	1978-09-05	Cummings et al.
	53	4128025	1978-12-05	Main et al.
	54	4147076	1979-04-03	Wright et al.

	55	4257507	1981-03-24	Solomon
	56	4274311	1981-06-23	Ebert
	57	4277989	1981-07-14	Tracy
	58	4277990	1981-07-14	Hall
	59	4308769	1982-01-05	Rantanen
	60	4328720	1982-05-11	Shiel
	61	4336728	1982-06-29	Diebert
	62	4406186	1983-09-27	Gummow
	63	4420995	1983-12-20	Roberts
	64	4485700	1984-12-04	Colvin
	65	4488460	1984-12-18	Ballone et al.
	66	4512218	1985-04-23	Chow
	67	4520697	1985-06-04	Moetteli
	68	4631988	1986-12-30	Colvin
	69	4662251	1987-05-05	Kohal
	70	4709600	1987-12-01	Mierbach et al.
	71	4722252	1988-02-02	Fulcher et al.
	72	4722253	1988-02-02	Chow
	73	4762033	1988-08-09	Chow
	74	4770072	1988-09-13	Neuhaus
	75	4777852	1988-10-18	Herman et al.
	76	4796492	1989-01-10	Liou
	77	4807500	1989-02-28	Main
	78	4862775	1989-09-05	Chow
	79	4869138	1989-09-26	Farris
	80	4903554	1990-02-27	Colvin
	81	4924737	1990-05-15	Gummow
	82	4934220	1990-06-19	Slusar et al.
	83	4986147	1991-01-22	Cooper
	84	4991468	1991-02-12	Lee
	85	5012705	1991-05-07	Chow
	86	5076121	1991-12-31	Fosella
	87	5144869	1992-09-08	Chow
	88	5157994	1992-10-27	Krivec
	89	5178047	1993-01-12	Arnold et al.
	90	5199330	1993-04-06	Arnold et al.

	91	5199335	1993-04-06	Arnold et al.
	92	5230262	1993-07-27	Ahlund et al.
	93	5231903	1993-08-08	Bockman Jr.
	94	5233891	1993-08-10	Arnold et al.
	95	5271300	1993-12-21	Zurbuchen et al.
	96	5295422	1994-03-22	Chow
	97	5347892	1994-09-20	Moetteli
	98	5392672	1995-02-28	Larson et al.
	99	5404773	1995-04-11	Norville
	100	5425291	1995-06-20	Chang
	101	5448931	1995-09-12	Fossella et al.
	102	5467672	1995-11-21	Ashby
	103	5477757	1995-12-26	Maresh
	104	5495783	1996-03-05	Slusar et al.
	105	5499560	1996-03-19	Aeschliman
	106	5501124	1996-03-26	Ashby
	107	5509333	1996-04-23	Rion
	108	5522288	1996-06-04	Slusar et al.
	109	5533427	1996-07-09	Chow
	110	5535646	1996-07-16	Allen et al.
	111	5557994	1996-09-24	Nakayama
	112	5582081	1996-12-10	Lin
	113	5595095	1997-01-21	Hillinger
	114	5626061	1997-05-06	Whitley
	115	5626062	1997-05-06	Colvin
	116	5636557	1997-06-10	Ma
	117	5669875	1997-09-23	Eerdenburg
	118	5709137	1998-01-20	Blacklock
	119	5782147	1998-07-21	Chaconas et al.
	120	5794496	1998-08-18	Arnold
	121	5829326	1998-11-30	Richner
	122	5842391	1998-12-01	Chaconas
	123	5857390	1999-01-21	Whiteford
	124	5873286	1999-02-23	Van Lenten
	125	5878635	1999-03-09	Hsieh
	126	5884537	1999-03-23	Chen

	127	5884538	1999-03-23	Van Lenten
	128	5887493	1999-03-30	Main
	129	5901620	1999-05-11	Arnold
	130	5910197	1999-06-08	Chaconas
	131	5911798	1999-06-15	Arnold
	132	5913954	1999-06-22	Arnold et al.
	133	5927158	1999-07-27	Lin
	134	5946987	1999-09-07	Wei
	135	5946989	1999-09-07	Hsieh
	136	5957009	1999-09-28	McCann
	137	5964129	1999-10-12	Shiao
	138	5970552	1999-10-26	Kwiecien et al.
	139	5979274	1999-11-09	Hsieh
	140	5996453	1999-12-07	Blacklock
	141	6000302	1999-12-14	Chiang
	142	6006631	1999-12-28	Miner et al.
	143	6044731	2000-04-04	Hsieh
	144	6065374	2000-05-23	Taggart
	145	6125722	2000-10-03	Hopper Jr. et al.
	146	6134990	2000-10-24	Ling et al.
	147	6134991	2000-10-24	Chaconas
	148	D434292	2000-11-28	Hsieh
	149	6155140	2000-12-05	Tsai
	150	6161454	2000-12-19	Chaconas
	151	6164167	2000-12-26	Chen
	152	6205889	2001-03-27	Hsieh
	153	6209423	2001-04-03	Shiao
	154	6216563	2001-04-17	Hsieh
	155	6216567	2001-04-17	Hu
	156	6220123	2001-04-24	Chen
	157	6230591	2001-05-15	Ling et al.
	158	6240813	2001-06-05	Hyatt
	159	6257096	2001-07-10	Ling
	160	6260448	2001-07-12	Chaconas
	161	6263767	2001-07-24	Hu
	162	6282991	2001-09-04	Hu

	163	6282992	2001-09-04	Hu
	164	6282993	2001-09-04	Forman et al.
	165	6301998	2001-10-16	Hu
	166	6334373	2002-01-01	Hsieh
	167	6431031	2002-08-13	Hu
	168	6435062	2002-08-20	McCann
	169	6435063	2002-08-20	Chen
	170	6450066	2002-09-17	Hu
	171	6450068	2002-09-17	Hu
	172	6453779	2002-09-24	Hu
	173	6457387	2002-10-01	Hu
	174	6457389	2002-10-01	Hu
	175	6488136	2002-12-03	Chang
	176	4308768	1982-01-05	Wagner
	177	D433896	2000-11-21	Wei
	178	6148695	2000-11-21	Hu
	179	6153826	2000-11-28	Profeta et al.

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20010035074	2001-11-01	Hu			
	2	20020017169	2002-02-14	Hu			
	3	20020023519	2002-02-28	Hu			
	4	20020023520	2002-02-28	Hu			
	5	20020026858	2002-03-07	Hu			
	6	20020062718	2002-05-30	Wang			
	7	20020088312	2002-07-11	Ling et al.			
	8	20020112573	2002-08-22	Hu			
	9	20020166416	2002-11-14	Hu			
	10	20020166417	2002-11-14	Hu			
	11	20020162423	2002-11-07	Hu			
	12	20020162424	2002-11-07	Hu			

Signature

Examiner Name	Date